

Jeffrey T. DeSano II, D.O.

Aesthetic Plastic and Reconstructive Surgery
Mune Gowda & Associates

Education

May 2014	Midwestern University, Chicago College of Osteopathic Medicine Doctor of Osteopathic Medicine
May 2010	University of Michigan, College of Literature, Science, and the Arts Bachelor of Science in Cellular and Molecular Biology <i>High Honors</i>

Graduate Medical Training

July 2014-June 2015	Beaumont/Oakwood Health System <i>General Surgery Internship</i>	Trenton, MI
July 2015-June 2018	Beaumont Health System <i>General Surgery Residency</i>	Trenton, MI
July 2018-June 2021	Beaumont Health System <i>Plastic and Reconstructive Residency</i>	Farmington Hills & Royal Oak, MI
July 2020-June 2021	Beaumont Health System <i>Plastic and Reconstructive Surgery Chief Resident</i>	Farmington Hills & Royal Oak, MI

Publications/Poster Presentations

1. DeSano J, Gardner P, Hart J, et al. **Intraneural Lipoma of the Digital Nerve: A Case Report and Literature Review.** *Cureus* 2021 Feb 2; 13(2): e13074. doi:10.7759/cureus.13074
2. Hart J, DeSano J, Hajjar R, et al. **Total Scrotal Reconstruction Following Fournier's Gangrene with Bilateral Prelaminated Superior Medial Thigh Flaps.** *BMJ Case Reports CP* 2021;14:e240618.
3. Issa C, Lu S, DeSano J, et al. **Comparing Plastic Surgeon Operative Time for DIEP Flap Breast Reconstruction: 2-stage More Efficient than 1-stage?** *Plast Reconstr Surg Glob Open.* 2021 Jun 7;9(6):e3608. doi: 10.1097/GOX.0000000000003608. PMID: 34104615; PMCID: PMC8183800.
4. Kreitzberg S A, Sherbert D, DeSano J. **Becker Implant Intracapsular Rupture with Contralateral Axillary Silicone Lymphadenopathy in an Asymptomatic Patient: A Case Report and Literature Review.** *Cureus* 2020 Apr 11; 12(4): e7638. doi:10.7759/cureus.7638
5. DeSano J, Lawrence T and Xu L. **MicroRNAs: Small but Critical Regulators of Cancer Stem Cells,** *Cancer Stem Cells Theories and Practice* (2011), ISBN: 978-953-307-225-8, InTech.
6. DeSano J, Xu L. **MicroRNA Regulation of Cancer Stem Cells and Therapeutic Implications.** *AAPS J.* 2009 Oct.
7. Dai Y*, DeSano J*, Qu Y, Tang W, Meng Y, Lawrence T, Xu L. *Contributed equally. **Natural IAP inhibitor Embelin enhances therapeutic efficacy of ionizing radiation in prostate cancer.** *Am J Cancer Res* 2011; 1(2):128-143.
8. Dai Y, DeSano J, Tang W, Meng X, Meng Y, Burstein E, Lawrence T, Xu L. **Natural proteasome inhibitor celastrol suppresses androgen-independent prostate cancer progression by modulating apoptotic proteins and K κ B.** *PLoS One.* 2010 Dec 10; 5(12):e14153.
9. DeSano, J. **Embelin enhances the therapeutic efficacy of ionizing radiation in prostate cancer.** *University of Michigan Library Deep Blue.* 2010 May.
10. Ji Q, Hao X, Zhang M, Tang W, Yang M, Li L, Xiang D, DeSano JT, Bommer GT, Fan D, Fearon ER, Lawrence TS, Xu L. **MicroRNA miR-34 inhibits human pancreatic cancer tumor-initiating cells.** *PLoS One.* 2009 Aug 28; 4(8):e6816.
11. Dai Y, DeSano JT, Meng Y, Ji Q, Ljungman M, Lawrence TS, Xu L. **Celastrol potentiates radiotherapy by impairment of DNA damage processing in human prostate cancer.** *Int J Radiat Oncol Biol Phys.* 2009 Jul 15; 74(4):1217-25.

12. Dai Y, Meilan L, Tang W, DeSano J, Burstein E, Davis M, Pienta K, Lawrence T, Xu L. **Molecularly Targeted Radiosensitization of Human Prostate Cancer by Modulating Inhibitor of Apoptosis**. Clin Cancer Res 2008; 14(23):7701-7710.
13. Ji Q, Hao X, Meng Y, Zhang M, DeSano J, Fan D, Xu L. **Restoration of tumor suppressor miR-34 inhibits human p53-mutant gastric cancer tumorspheres**. BMC Cancer. 2008; 8: 266.
14. Poster presentation at the 2007 University of Michigan Cancer Research Symposium – Ann Arbor MI
15. Poster presentation at the 2008 American Association of Cancer Research Annual Meeting – San Diego, CA
16. Poster presentation at 2015 American College of Osteopathic Surgeons Annual Conference – Chicago, IL, **“Transverse colon adenocarcinoma complicated by Type IV hiatal hernia”**
17. Video abstract for 2018 American College of Surgeons Annual Conference – Boston MA, **“DaVinci Assisted Transversus Abdominis Release (TAR)”**

Licensure

2014-2018	State of Michigan Educational Medical Physician License
2018-Present	State of Michigan Full Medical Physician License
2018-Present	United States Justice Department, Drug Enforcement Administration <i>Controlled Substance Practitioner</i>

Leadership Experience

2015-2018	Journal Club coordinator, Beaumont/Oakwood General Surgery Residency Program
2016-2018	Grand Rounds coordinator, Beaumont/Oakwood General Surgery Residency Program
2015-2018	Resident Selection Committee, Beaumont/Oakwood General Surgery Residency Program
2019	Journal Club coordinator, Beaumont Plastic and Reconstructive Surgery Residency Program
2018-Present	Resident Selection Committee, Beaumont Plastic and Reconstructive Surgery Residency Program
2020-Present	Chief Resident, Beaumont Health Plastic and Reconstructive Surgery Residency Program

Honors/Awards

May 2010	Received High Honors at University of Michigan for completed Honors Thesis
July 2017	Wayne State University School of Medicine Resident Teaching Award
July 2015-Present	Michigan State University Clinical Instructor

Professional Societies

American Society of Plastic Surgeons (ASPS)
 American College of Osteopathic Surgeons (ACOS)
 American College of Surgeons (ACS)

Certificates

2014-Present	Advanced Trauma Life Support (ATLS)
2014-Present	Advanced Cardiovascular Life Support (ACLS)
2015-Present	Fundamentals Critical Care Support (FCCS)
2014-Present	Basic Life Support (BLS)
2015-Present	Pediatric Advanced Life Support (PALS)
2015-Present	TEAM Health Emergency and Critical Care Ultrasonography

Research/Laboratory Experience

2006-2010	University of Michigan <i>Research Laboratory Assistant</i> Worked within the research laboratory of Dr. Liang Xu, M.D., Ph.D., focusing on cancer stem cell targeting and small molecule nanovector delivery	Ann Arbor, MI
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Volunteer Experience

2013-Present	Peace Lutheran Elementary School Supply Drive Help with the collection of various medical supplies, toiletries, daily necessities, and school supplies to be donated to inner city public schools for use by disadvantaged youth
2012-Present	Peace Lutheran Church Food Pantry Aid in the preparation and distribution of meals to the underprivileged in the community